KHVASHCHEVSKAYA, Ya.S., Cand Phys Math Sci -- (diss)

Certain problems of method of infrared spectroscopy."

Minsk, 1958, 7 pp (Min of Higher Education USSR.

Belorussian State Univ im V.I. Lenin. Chair of Spectral

Analysis) 180 copies (KL, 28-58, 103)

- 1 -

AUTHORS: Stepanov, B.I. and Khyashchevakaya, Ya.S.

SOV/51-5-4-7/21

TITLE:

Background of Thermal Radiation in Infrared Spectroscopy (Fon

teplovogo izlucheniya v infrakrasnoy spektroskopii)

PERIODICAL: Optika i Spektroskopiya, 1968, Vol 5, Nr 4, pp 393-403 (USSR)

ABS TRACT:

The authors obtained formulae which allow for the effect of thermal emission of the radiation receiver and the cell containing the substance studied in infrared spectroscopy. This emission is called a "negative radiation flux". Fig 1 shows, schematically, an infrared spectrometer. Figs 2-5 show that metals (e.g. Al, Cu, Sn) and other substances (e.g. cyclohexanol) possess emissivities at room and at low temperatures (e.g. -140° C) which must be taken into account in any complete discussion of thermal radiation balance in infrared spectroscopy. Fig 6 shows that positive and negative radiation fluxes are present also in scattering processes (scattering by MnSO₄ powder). It is shown that cold bodies may be used as light sources in determination of absorption coefficients. In determination of the temperature

Card 1/2

dependence of the absorption coefficients even emission of the cell

SOV/51-5-4-7/21

Background of Thermal Radiation in Infrared Spectroscopy

windows has to be allowed for. The author discusses the precautions necessary in the particular cases of glycerin (Fig 7) and cyclohexane (Figs 8, 9) measurements. Allowances for the thermal radiation background in the method of determination of the absorption coefficient from emission by a plane-parallel layer (Refs 10, 11) are also discussed. There are 10 figures and 11 references, 10 of which are Soviet and 1 American.

ASSOCIATION: Institut fiziki i matematiki. AN BSSR, Belorusskiy gos. universitet im. V.I. Lenina (Institute of Physics and Mathematics, Academy of Sciences of the Balorussian S.S.R. Byelorussian State University imani V.I. Lenin)

SUBLITTED: October 31, 1957

Card 2/2 1. Infrared spectroscopy--Temperature factors 2. Thermal radiation -- Properties

STEPANOV, B.I., KHVASHCHEVSKAYA, YB.S.

Determining the coefficient of absorption by means of thermal emission spectra of semitransparent plane parallel layers.

Insh.-fiz.shur. no.10:82-87 0 58. (MIRA 11:11)

1. Insitut fiziki i matematiki !N BSSR i Belorusskiy gosuderstvennyy universitet imeni V.I. Lenina, g. Minsk.

(Absorption spectra)

AUTHORS:

Stepanov, B. I., Khvashchevakaya, Ya. S., SOV/48-22-9-20/40

TITLE:

Spectroscopy of Negative Currents of Radiation Energy

(Spektroskopiya otritsatel'nykh potokov luchistoy energii)

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya finicheskaya, 1958,

Vol 22, Nr 9, pp 1089 - 1092 (USSR)

ABSTRACT:

If a correct interpretation of experimental data of infrared spectroscopy or of high-temperature spectroscopy is desired it is indispensable to take into account the background heat radiation and primarily the heat emission of the substance in question, of

the heat emission of the substance in question, of the radiation receiver and even of the material of the cuvette window. Contrary to positive currents the maximum value of negative currents is limited. Hence the effect of the negative currents is comparatively small and often remains unnoticed. The various occurring in particle systems under the influence of negative

currents are equivalent to usual effects. The negative current is either absorbed, dispersed or reflected. Considerations of a purely theoretical nature induced

Card 1/4

Spectroscopy of Negative Currents of Endiation Energy SOV/48-22-9-20/40

the authors to engage in experimental investigations. Even the first experiments showed that the negative currents can easily be recognized. They exhibit the usual properties of positive currents. They can be used for the determination of the energy level, of the absorption coefficients, of the indices of refraction, of the duration of the excited state, of the yield, of the indicatrix of dispersion etc. Noticeable negative currents are obtained in the infrared range. If the cuvette containing the substance is heated to high temperatures, they can even be recorded in the visible range. In the study of the properties of negative currents which propagate from a cold source towards the cuvette the heat emission of the radiation receivers must be taken into account. This emission is also very high and remains unnoticed only because it is compensated in the encounter with the currents emitted by the cuvette or by other outside objects. The experimental results fully justify the use of the concept of negative currents. It permits to interprete correctly numerous experimental

Card 2/4

Spectroscopy of Negative Currents of Radiation Energy SOV/48-22-9-20/40

effects and to extend the range of application of the known formulae of theoretical optics. Recently Veyngerov and his collaborators discovered a negative optic-acoustical effect (Ref 3). This phenomenon fits into the general scheme of the processes investigated. There are 3 figures and 6 references, 6 of which are Soviet.

ASSOCIATION: Belorusskiy gos. universitet, Institut fiziki i matematiki Akademii nauk BSSR (Belorussiya State University, In-

stitute of Physics and Mathematics, AS Belorusskaya SSR)

Card 3/4

SOV/58-59-8-19035

Translated from: Referativnyy Zhurnal Fizika, 1959, Nr 8, p 282 (USSR)

AUTHORS:

Stepanov, B.I., Khvashchevskaya, Ya.S.

TITLE:

The Absorption of Negative Radiation Flux

PERIODICAL:

Uch. zap. Belorussk. un-t, 1958, Nr 41, pp 19-26

ABSTRACT:

It was shown earlier (RZhFiz, 1958, Nr 6, 14281) that, in order to measure the absorption coefficient correctly, it is necessary to make allowance for the temperature and emittive capacity not only of the light source, but also of the cell containing the material under investigation and of the radiation receiver. In the present study a general expression is given, which applies to the most diverse experimental conditions and permits the discounting of these effects. Their influence is greatest in the infrared region of the spectrum. The results of the experimental verification of the derived correlations are given. The authors record the absorption spectra of nitrobenzene and fused-quartz powder, from a source of positive radiation (a heated body), as well as from a source of "negative" radiation (a cooled body), and also when no radiation source is present but the cell

Card 1/2

sov/58-59-8-19035

The Absorption of Negative Radiation Flux

has been cooled. The spectra prove to be identical in every case but are differently situated with respect to the zero line. Their regularities are well described by the derived formulae. These formulae can also be applied to the negative optical-accoustic effect recently described by Veyngerov and his collaborators (RZhFiz, 1958, Nr 1, 2087). The results may prove useful for the elaboration of new methods of infrared G.G. Neuymin spectroscopy.

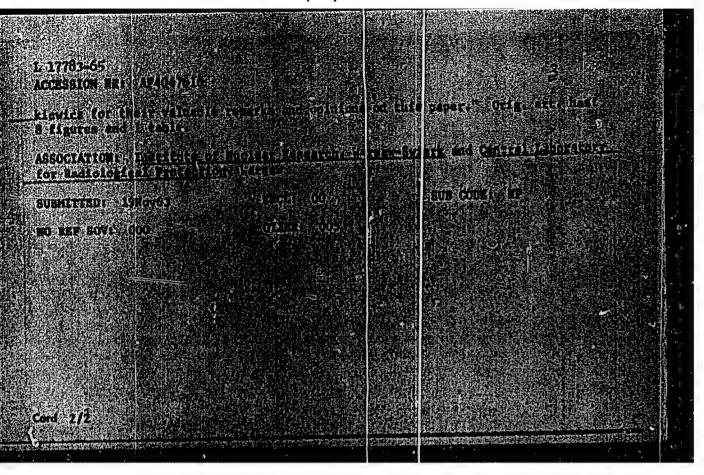
Card 2/2

CIA-RDP86-00513R000722430001-2" APPROVED FOR RELEASE: 03/13/2001

Stepans", B. I., Londonician 15 907/30-59-1-9/57 Belomentur 522	nientists in the Parison of the Pari	Vestalk Akademii menk 555E, 1959, Mr 1, pp 50-76 (USSE)	vestigations are being entries or mateurist commentation (Institute of Mydica antendamenty fault tet Wolsmankey or an extended Mydorsty	in the state of th	serge he investigation by L. Landstright I	fright, he of spetteeny of negatiff egrents in thats expendition of the constant of the consta	imperiant :ventius in the determination of genetics without of system interestrations of the management of genetical by the Revisor, <u>it is the standard</u> extension as ablance of	redestylin with large sverishing of mentyless mens species. Landingtal proceeds in obtaing fundamental results in the minimation of immissees of physikale representations	Assert that the efficients of quantities and asserting that the section of the se	the influence or the solvent was possible. 4. F. Service to P. Germanick, L. W. Marrieriky exemined 4. F. Service to P. Germanick, L. W. Marrieriky exemined 4. F. Service to P. Germanick, L. W. Marrieriky exemined 4. F. Service to Possipation of Mary Condition was even to be	the same time they designed an improved a sparstus. A. B. Serakanks, V. V. Emanteers, work is the first of last-moments of rare-dardle conjusts.	The figurations of optical properties of allocatoly11 and stabled compressed our being extract out in alone cooperation risk the institut hislogil landwall mask NITE (institute of	Malage, Annadory C. Sattanes, Ballingarys and the C. P. S. Godder, & d. Erwiner, E. T. Efficially smalled the Appropriate and Lunisseemes specific & live int	Exploye statists polarisation species and the deposition of galacterists in the research of fluorescens. 4. Serobsenber 1. T. Toled has been dead to be the defeath of the control of the	emposition of complex computed and the nature of the complex career of intermetion. [1] F. Manitor granted the optical and electrical properties.	of some organics, n. 1. Stopmar armined collectors and Me professe & Transferenties, n. 1. Me of transferenties, n. Me of transferenties, n. 1. Me of transferenties, n. Me of transferenties,	erder te study the despetiton of estitions of reads or epeditresopion, methods. I. M. Vermelacte, B. G. Tabebev exampled the cutdistant transfer of exitions by massa of attrome district, solid	and and chieffs. 1. 6. Shanker, 1. 1. Stopasov, 1. Ta. Beimbirt, 4. I	Transport		of estimates presents: 1. It is present; It. I. Chicklashun determined the depend- cies of the species of the disputed objects on the refutited water, the character of the binding acces, and the layer	
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21(7) AUTHORS: Kovaliskiy, N. G., Podgornyy, I. E.,

sov/50-35-4-16/52

Khvashchevskiy, S.

TITLE:

The Energy of X-Ray Radiation Emitted by a Strong Pulsed

Discharge in Hydrogen (Energiya rentgenovskego izlucheniya, ispuskayemogo moshchnya impultenya razryadom

v vodorode)

PERIODICAL:

Zhurnal eksperimental noy i teoreticheskoy fiziki, 1958,

Vol 35, Nr 4, pp 940 - 946 (USSR)

ABSTRACT:

Already in 1953, after the discovery of hard X-ray radiation accompanying an extensive discharge in hydrogen or deuterium, tests were carried out for the purpose of estimating the limits of this energy spectrum. For this purpose the filtering method, the method of measuring the length of recoil electron tracks in thick nuclear enulsions, the method of the shielded recorder, and the method of the nuclear photoeffect (reaction (γ,n) on Be) were employed. In the present paper the authors employed the method of the track length of recoil electrons in a cloud

Card 1/4

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722430001-2"

The Energy of X-Ray Radiation Emitted by a Strong Pulsed SOV/56-35-4-16/52 Discharge in Hydrogen

chamber. For the purpose of determining the energy of X-ray quanta according to electron energy it is necessary to know whether the electrons originate from a photo- or a Compton effect. Conditions are illustrated by figure 1 in form of a diagram. Within the range of 200 - 400 keV the photoeffect in air may be neglected as against the Compton effect, but this is not the case with the formation of photoelectrons on the glass walls of the chamber. For the production of the pulsed discharge a tattery consisting of 12 condensers of the type \dot{M} -3/50 (36 μF) was used; the discharge took place in a porcelain tube of 1 m length and 17 cm diameter; hydrogen pressure in the tube amounted to 6.10^{-2} torr. With a voltage of 40 kV (200 kA) on the condenser battery, this pressure permitted maximum discharge amperage. Figure 2 shows a block scheme of the test device which is described with all details. Measuring results are shown by 3 diagrams (Figs 4-6): Figure 4 shows the energy distribution

Card 2/4

The Every of X-Ray R diction Emitted by a Surong Pulsed S07/57-55-4-16/12 Dical args in Hydrolen

of the recail electrons which were for all under the influence of X-ray radiation; figure 5 shows the energy distribution of the electrons formed by X-200 radiation in the tube for U = 2.0 kV, figure 6 shows the same for U = 285 kV. The following summary of investigation results is given: 1) The times of the formation of neutron- and X-ray-radiation in the Sischarge process coincide. 2) The deuterons responsible for the occurrence of neutrons in deuterium discharges are accelerated in the direction of the cathode; the intensity maximum of X-ray and neutron radi: tion is in the zone near the anode. 3) X-ray- and neutron radiation is observed in one and the same zone of the primary cas pressure in the discharge tube. 4) By estimation of the maximum deuteron entry a value of 250 keV is obtained; this value is in good qualitative ogreement (within the limits of measuring errors) with the energy limit of the X-ray spectrum (320 kV). The authors thank L.A. Artsimovich

Card 5/4

The Energy of X-Roy Radiction Emitted by a Strong radget J V/S/-S-1 1//S Diedergs in Hydrogen

and S.Yu. Luk'yanov for valuable discussions, and T.L.Asatian for his help in preparing the cloud chamber. There are 6 figures and 8 references, 4 of which are Soviet.

SUBMITTED:

May 27, 1958

Card 4/4

s/058/62/030/036/009/136 A061/A101

Khvashchevska, Ya., Dybovski, K., Khvashchevski, S. 9,6150 AUTHORS:

TITLE:

[Pabrication] technique and characteristics of silicon alpha-particle

counters

Referativnyy zhurnal, Fizika, no. 6, 1962, 10, abstract 6B78 PERIODICAL:

("Inst. badań jądrow. PAN", 1961, no. 242/1-B, 9 pp., ill., Russian

and Polish summaries)

A fabrication technique for Si detectors with surface barrier, to serve for alpha-particle recording, is described, and their main working characteristics are indicated. n-type Si of a resistivity of 100 - 300 ohms cm was used in the detector fabrication. The detector thickness ranged between 1 and 1.5 mm. The surface barrier was formed by coating one side of the Si plate with a thin gold film. The spectrum of Pu²³⁹ alpha particles, which is presented, was measured at a counter voltage of 5 v and a loading impedance of 100 kiloohms.

The resolving power, measured on the Pu239 alpha line, was found to be 5%. The signal-to-noise ratio was 29. The linearity of the function between pulse amplitude and alpha-particle energy was examined. In all of the detectors produced,

Card 1/2

CIA-RDP86-00513R000722430001-2" APPROVED FOR RELEASE: 03/13/2001

s/058/62/000/006/009/136 A061/A101

[Fabrication] technique and...

this function was found to be linear up to an alpha-particle energy of 5 Mev. The time of pulse growth depended essentially on the pass-band of the amplifier and amounted to $0.2 - 0.3 \mu sec.$

Ya. M.

[Abstracter's note: Complete translation]

Card 2/2

KHVASHCHEVSKIY, S. [Chwennezowski, S.]

[Interaction of fact plasmoids with the territor of an alternating magnetic field] Vialmoids evid by a typh plezmoid of a barlerom personing of magnetic police. Variables, moidov a barlerom personing of magnetic police. Variables, 12 p.

In-t ladertykh iseledovanii iseledovarii, 1965. 12 p.

(1974-18:17)

KHVASHCHEVSKI, Stefan [Chwaszczewski, Stefan]

Coazial plasma gun. Mukleonika 7 nc.9:539-546 162.

1. Institut yadernykh issledovaniy, Polskoy akademii nauk, Otdeleniye reaktornoy tekhniki, Varshava.

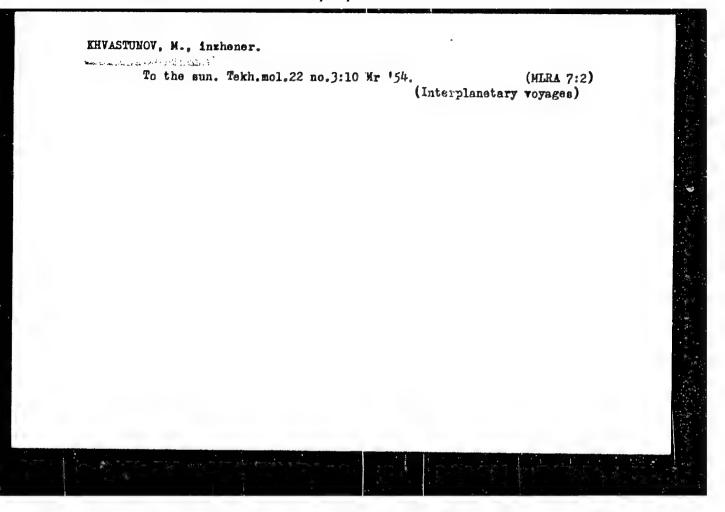
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the Bondard iron a fluidized bed of a fire grainer heat carrier to the pipe surface. Khim. prom. 41 no.2:54-57 P *F5.

(MIRA 28:4)

- 1. ZHVASTUNOV, M. Eng.
- 2. USSR (600)
- 4. Television Broadcasting
- 7. Television. Rabotnitsn 31 No. 1, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.



AUTHOR:

Khvastunov, M.

SOY/29-58-10-20/26

TITLE:

The Book on Scientific Eeroism (Kniga e nauchnom podvige)

PERIODICAL:

Tekhnika molodezhi, 1958, Nr 10, pp 29 - 29 (USSR)

ABSTRACT:

This is a review of the novel "Magnetron" published by the publishing house Detgiz in 1957. It is difficult to find out what is of greater importance in the life of the author G.I.Babat, science or literature.

Babat is a scientist and Doctor of Technical Sciences.

He became known by a number of new and interesting ideas on the application of high frequency technique. At the same time he is the author of quite a number of popular science books. In his books we find a combination of poetry and mathematically precise descriptions of phenomena and consequences. Already in this books the author's preference of literature becomes obvious. The book "Magnetron" which Babat wrote together with A.L.Garf could not have been written by an author without scientific knowledge. The main topic of the book is science. It is an example

Card 1/2

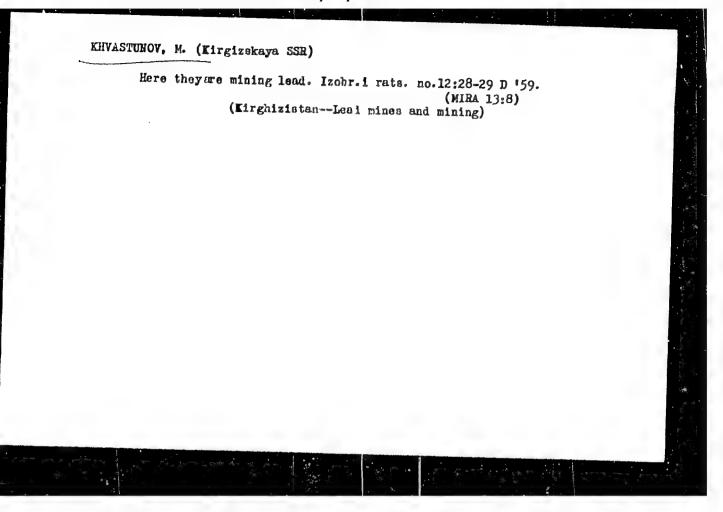
of a novel written by an artist in such a way that it may be

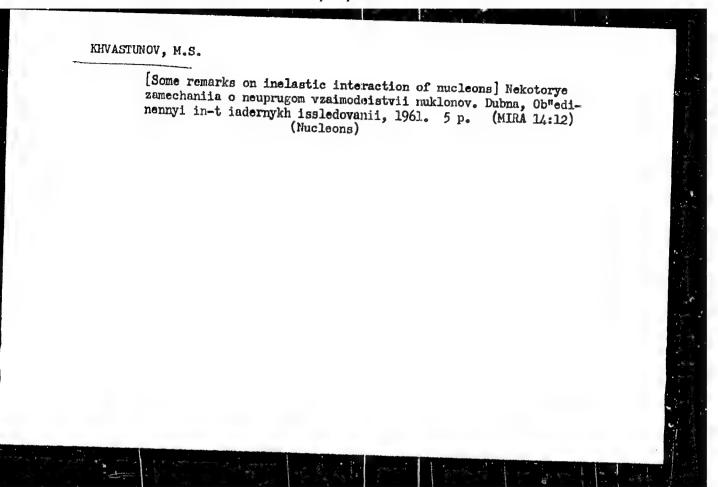
The Book on Scientific Heroism

SOV/29-58-10-20/28

understood by everybody. At the same time it reports on living people, their fates and passions. The novel has numerous heroes. Some of them are strikingly described, some are delineated less good. But there are no empty and insipid characters. Each character has its own, personal features and distinguishes himself from the others. In short the reader is fascinated.

Card 2/2





VISHKI, T.; GRAMENITSKIY, I.M.; KORBEL, Z.; NOMOFILOV, A.A.; PODGORETSKIY, M.I.; ROB, L.; STREL'THOV, V.N.; TUVDENDORZH, D.; KHVASTUNOV, M.S.

Inelastic interactions between protons and nucleons at an energy of 9 Bev. Zhur.eksp.i teor.fiz. 41 no.4:1069-1075 0 '61.

(MIRA 14:10)

1. Ob"yedinennyy institut yadernykh issledovaniy.

(Protons) (Nucleons)

SHTEYNBUK, Shmeyer Yevasyevich; KHVASTUNOV, N.G., nsuchnyy red.;

FOMICHEV, A.G., red.; SHISHKOVA, L.M., tekhn.red.

[Gas cutter] Rabochii-gasoreschik. Leningrad, Gos, soiusnoe
izd-vo sudostroit.promyshl., 1950. 151 p. (MIRA 13:7)

(Gas welding and cutting)

KHVASTUNOV, Nikolay Georgiyevich; NIKOLAYEV, N.A., red.;
TELYASHOV, R.Kh., red.izd-va; BELOGUROVA, I.A., tekhn.

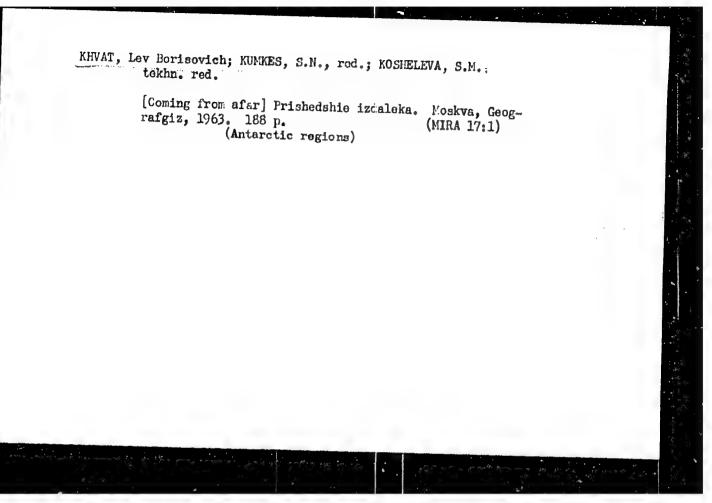
[Using Leningrad city gas in cutting metals] Rezka metalla s primeneniem leningradskogo gozodskogo gaza. Leningrad, 1963. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka, rezka i paika metallov, no.3) (MIRA 16:10) (Leningrad—Gas welding and cutting)

DEMENTTYEV, W.M.; HEKHLEBAYEV, Yu.P.; TISHCHENKC, A.T.; KHVASUKHIN, Yu.I.; IVANOV, G.A.

Flameless burning of gas in a furnace with a fluidized bed. Gaz. prom. 10 no.6:29-32 165. (MIRA 18:6)

KmyAT, I. B. "A study of the processesor filtering sedium bicarlenate on rotating vacuum filters", Trudy Vsasoyus. in-ta ser vey pre-sti, Vel. V, 17/19, p. 195-22, - Eib-lion: 23 items.

So: U-h631, 16 Sept. 53, (Leteris 'Zhurnel 'nykh Statey, No. 2h, 19h9).



KHVAT, Lev Borisovich.

Besprimernyl perelet. /Unprecedented flight/. Moskva, Partizdat TJK VKF(b) 1936. 158 p. plates, ports., 2 maps (1 fold.).

PLO: TL721.055K5

50: Soviet Transportation and Communications. A Bibliography, Library of Congress Reference Department, Mashington, 1952, Unclassified.

MHYAT, L., and LAMAR' KONSTANTINOVICH BROWMAN.

Gereicheskii perelet "Rodiny." Moskva, Compolitizdat, 1938. 76 p.,

1 l., perts.

Title tr.: The heroic flight of "Rodina."

TL721.067B7

SO: Aeronautical Sciences and Aviation in the Coviet Union, Library of Congress, 1955.

KHYAT, Lev Borisovich; SHCHERBAKOV, D.I., akademik, redaktor; KUMKES, S.H., redaktor; HOGINA, W.I., tekhnicheskiy redaktor

[Mysterious continent] Zagadochnyi materik. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 287 p. (MLRA 10;1)

(Antarctic regions)

LITVINENKO, M.S.; KHVAT, M.B.; BRODOVICH, A.I.; PERTSEVA, N.Ya.;
PERMAN, N.M.; Prinimali uchastiye: LOPATINSKIY, D.K.; AGARKOVA, V.I.;
SAMOKHVALOVA, N.N.; KRONIK, I.L.

Obtaining sodium thiocyanate for the manufacture of nitron fibers. Koks i khim. no.6:34-40 '63. (MIRA 16:9)

1. Ukrainskiy uglekhimicheskiy institut (for Livinenko, Khvat, Brodovich, Kronik, Pertseva). 2. Khar'kovskiy koksokhimicheskiy zavod (for Perman).

(Textile fibers, Synthetic) (Sodium thiocyanate)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000722430001-2

KHVATIYA, R.A.

USSR/Cultivated Plants. Subtropical. Tropical.

M-8

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20538.

Author : R.A. Khyatiya

Inst : The Chakvi Affiliate of the All-Union Scientific Research

Institute for Tea and Subtropical Cultures.

Title : Supplemental Pollination with a Pollen Mixture in the Seed

Raising of Tea.

(Dopolnitel'noye opyleniye smes'yu pyl'tsy v semenovodstve

chaya).

Orig Pub: Byul. Vses. n.-i. in-ta chaya i subtrop. kul'tur, 1957,

No 1, 76-82.

Abstract: At the Chakvi affiliate of the Institute during 1954-1957,

the effect of pollinating with a pollen mixture on productivity and seed quantity (No. 6 of the Chinese variety) was studied. Pollen of Chinese, Indian and Japanese teas

Card : 1/2

Atomic structure of cyanamide. Kristallografiia 6 no.2:184-189
Mr-Ap '61, (MIRA 14:9)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova.
(Spectrum, Atomic) (Cyanamide)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000722430001-2"

ZVONKOVA, Z. V.; KRIVNOV, V. Ya.; KHVATKINA, A. N.

New determination of the atomic and elect onic structure of dicyandiamide. Dokl. AN SSSR 155 no. 2: 98-401 Mr '64. (MIRA 17:5)

 Fiziko-khimicheskiy institut im. L. Ya. Karpova. Predstavleno akademikom S. S. Medvedevym.

KHVATKOV, A. N., Engineer

"Investigation of Starting of Automobile Carburetor-Type Engines 'ZIS-120', 'GAZ-51,' 'Fobdea,' and 'Moskvich.'" Sub 16 Feb 51, Moscow Automotive Mechanics Inst

Dissertations Presented for science and engineering degrees in Moscow during 1951.

SC: SUIL. No. 480. 9 May 55

SMETNEY, N.N., ingh.; KHVATKOV, A.N.

Studying the starting of diesel engines abroad. Vest.mash. 38 no.9:77-80 S *58. (MCRA 11:10)

(Diesel engine--Starting)

KHVATKOV, N.M.; MAKIYENKO, V.F.

Application of ultrasonics for removing scale from heat-exchange apparatus. Koks i khim. no.16:46-49 161. (MIRA 15:2)

1. Kadiyevskiy koksokhimicheskiy zavod.
(Heat exchangers)
(Ultrasonics)

Cil coolers made with "antigmit" (graphite plastic) pipes. Koks i khim. no.1:57-59 "63. (MIEA 16:2)

1. Kadiyevskiy koksokhimicheskiy zavod. (Pipe, Plastic) (Oil coolers)

CIA-RDP86-00513R000722430001-2 "APPROVED FOR RELEASE: 03/13/2001

25(5)

SOV/117-59-8-10/44

· AUTHOR:

Khvatkov, P.A., Engineer

TITLE:

A Unique Agglomeration Unit

PERIODICAL: Mashinostroitel', 1959, Nr 8, pp 4-5 (USSR)

ABSTRACT:

The article describes a new agglomeration machine developed at the Uralmashzavod. The new machine "K-1-200/-312" is a conveyer unit which agglomerates, warms the charge by hot gases, and accomplishes the initial cooling of the ready agglonerate in one continuous process. The work surface of the agglomeration belt is 4 m wide, and the overall area of the gas-suction vacuum chambers is 512 m². The productivity of the machine is 240/350 tons per hour; the maximum thickness of the agglomeration layer 0.4 m; and the overall length of the machine is 103 m. The automatic control system for the agglomeration process is under development at the Leningrad institute "Mekhanobr". There is 1 photo.

Card 1/2

SOV/117-59-8-10/44

A Unique Agglomeration Unit

ASSOCIATION:Otdel glavnogo Konstruktora gornorudnogo mashinostroyeniya Uralmashzavoda (Department of the Chief Designer for Mining Machine Building of the Uralmashzavod).

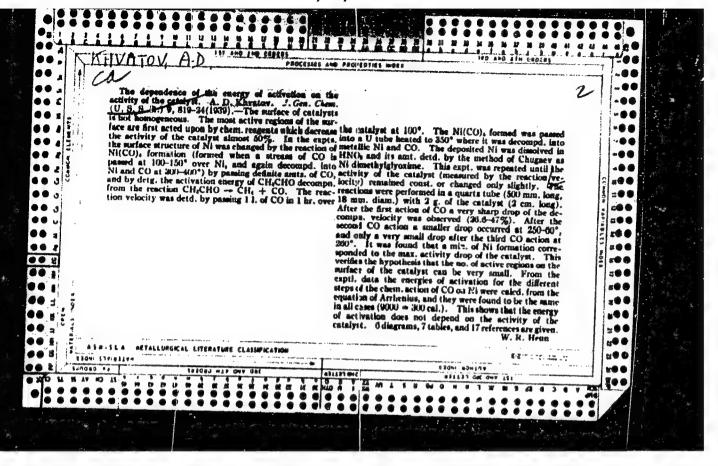
Card 2/2

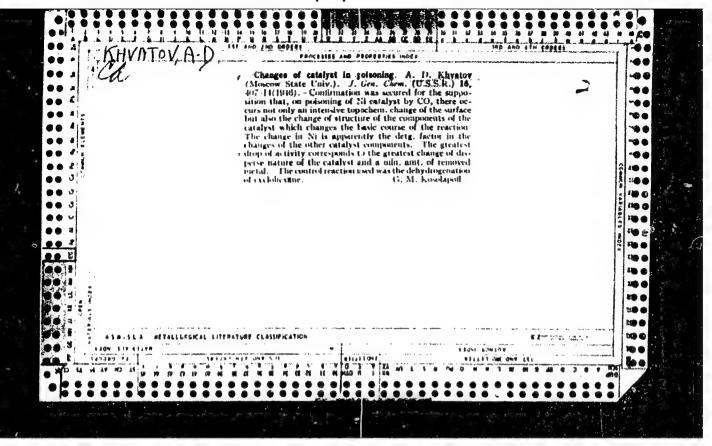
ENVATOW, A.; MCTEVETCO, I., RECALUSATE, M.

Our goal is profitableness! Roch. transp. 23 no.12 9-10 B 164.

(MERA 19:6)

1. Nachal'nik otdebe passabhirskikh perevozok Severm-zapadnogo rechnogo parekhodatw. (for Khwataw). 2. Leningradskay institut vednogo transporta (for Hataveyko, Rytal'skuya).

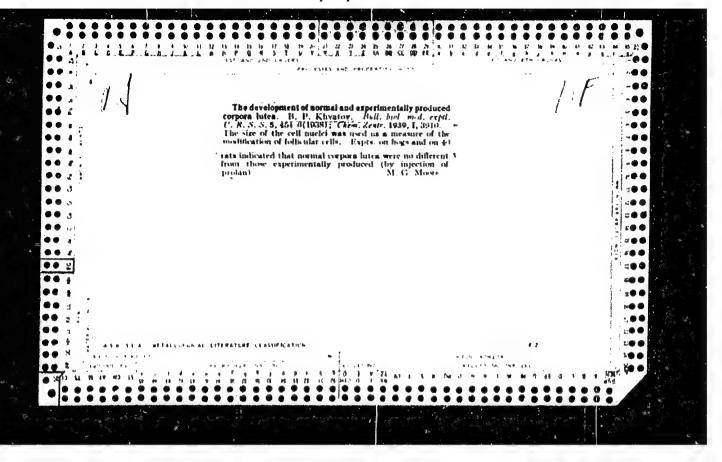




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Khwatov, P. P. "On the rethodolory of studying the process of fecundation and movement of eggs in ell-laying mammals," Truly Krymsk. med. in-te im. Stalina, Vol. XII, 1049, p. 67-71

S0: N-3250, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1040).

KHVATOV, B.F.

Khvatov, b.p. - ""aterials on the innervation of sexual organs and changes after castration," Trudy ^krymsk. med. in-tl im. Stalina, Vol. XII, 1948, p. 73-78

SO: U-3950, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

[Fertilization and early stages of embryonic development in domestic animals] Oplodotvorenie i rannie stadii razvitiia zarodyshei sel'skokhoziaistvennykh zhivotnykh. Simferopol', Krymizdat, 1954. 129 p. (Veterinary embryology) (Fertilization(Biology))

KHVATOV, B.P.

New data on ovulation, and movement and division of eggs in the oviducts in mammals. Arkh. anat. gist. i embr. 31 no.4:3-10 O-D 154. (MLRA 8:2)

1. Iz kafedry gistologii i embriologii (zav. prof. B.P.Khvatov) Krymskogo meditsinskogo instituta imeni I.V.Stalina. (OVULATION.)

(OVUH.

transfer & division in marmals)

KHVATOV. Boria Pavlovich

[Structure and physiological modifications of the generative organs of female domestic enimals] Stroenie i fiziologicheskie izmeneniia polovoi sistemy samok domashnikh zhivotnykh.

Simferopol', Krymizdat, 1955. 175 p. (MIRA 10;4)

(Generative organs, Female) (Domestic enimals)

3 P KHVATOV

USSR / General Problems of Pathology. Transplantation of Tissue and Tissue Therapy.

: Ref. Zhur - Biologiya, No. 3, 1959, 13534 Abs Jour

: Khvatov. B. P.: Shilko, N. A . : Crimean Medical Institute Author

Inst

: The Influence of Folliculin on the Adaptation of Title

a Uterus Transplant.

: Tr. Krymsk. med. in-ta, 1957, 18, 38-42 Orig Pub

: In castrated male rabbits and rats, a piece of Abstract

the horn of the uterus from an adult female was transplanted into the abdominal cavity. The rabbits each received 2000 units of folliculin every other day, the rets 100 units each and later 20 units each, with intervals of 3-5 days for the duration of 37 or 58 days. In the control group, the transplant resorted quickly.

Wilm

Card 1/2

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KHVATOV, B.P. (Simferopol', 6, Bul'var Lemina, d.5/7, kv.2)

New data on fertilization in man. Arkh. anat. gist. i embr. 36 no.3: 42-43 Mr '59. (MIRA 12:7)

1. Kafedra gistologii i embriologii (zav. - prof. B. P. Khvatov) Krymskogo meditsinskogo instituta im. Stalina. (FERTILIZATION

first stage of develop. in eviduct of human (has))

KHVATOV, B.P. (Simferopol', 6, bul'var Linina, 5/7, kv.2)

Fertilization and early (tubal) stages in the development of man. Arkh. anat. gist. i embr. 39 no. 12:3-17 160. (MIRA 14:2)

KHVATOV, B.P., doktor med.nauk, prof.; SHAPOVALOV, Fu.N., kand.med.nauk

Contribution of embriology to medicine. Hauka i zhizn' 29 no.3:48-50 Mr '62. (MIRA 15:7)

l. Zaveduyushchiy Kafedroy gistologii i embriologii Krymskogo meditsinskogo instituta, Simferopol[‡] (for Khvatov).

(EMBRYOLOGY, HUMAN)

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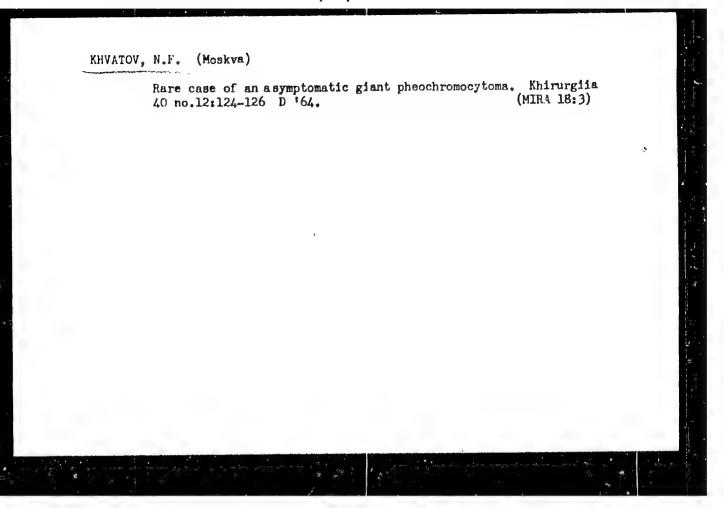
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[impromentation in a flask; a biological "ecodic"] factory of the restraction of the control of the restraction of the control of

KHVATOV. F.

On the basis of increased activities of party organizations. Prom.koop. 13 no.5:34-35 My 159. (MIRA 12:9)

1. Sekretar' Stalinskogo Rayonnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza, g.Stalingrad.
(Stalingrad.-Cooperative societies)

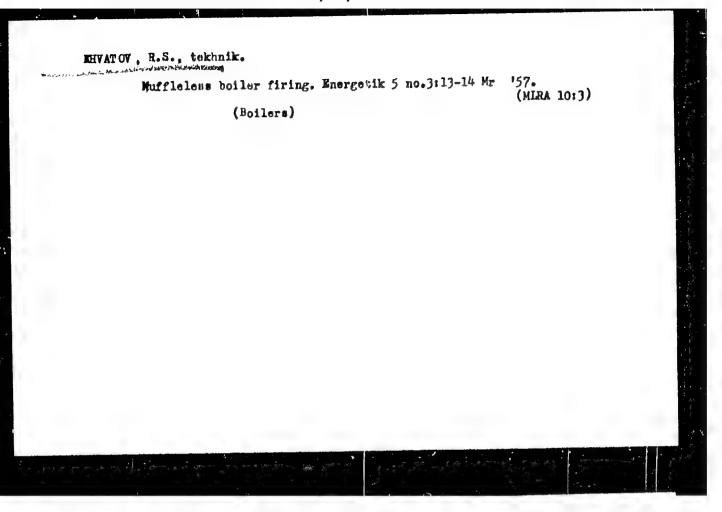


KHVATOV, P.P., student IV kursa

Modification of the phagocytic index in peptic ulcer under various functional conditions of the central nervous systm. Trudy ISGMI 20:100-104 154. (MIRA 10:β)

1. Klinika fakul'tetskoy terapii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta, sav. kafedroy - prof. V.D. Vyshegoredtseva.

(PEPTIC ULCER, blood in, phagocytic index) (PHAGOCYTOSIS, in various diseases, peptic ulcer, phagocytic index)



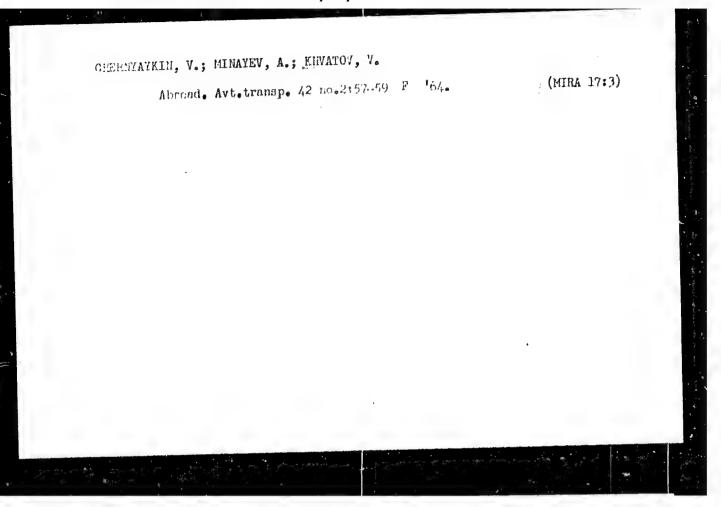
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EEREZKIN, V., sud'ya vsesoyuznoy kategorii; YEGOROV, V., master sporta; ZELIKSON, L., sud'ya vsesoyuzncy kategorii; MAYBORODA, O., sportamen l razryada; MIKHAYLOV, Yu., master sporta, prizer pervenstva SSSR po ralli; STELLIFEROVSKIY, V., sud'ya respublikanskoy kategorii; CHERTOV, R., master sporta, chempion Moskvy po ralli; KHVATOV, V., master sporta; SHUVALOV, L., master sporta, prizer pervenstv SSSR i Litvy po ralli

Means for the development of relly races. Za rul. 21 no.5:16-17 My '63. (MIRA 16:9)

1. Chleny obshchestvennogo soveta po avtomobil'nomu sportu pri redaktsii zhurnala "Za rulem".

(Automobile racing)



KHADITON

AUTHORS:

Dorman, S.G. (Chief Designer), and Khvatov, V.I. 130-3-12/22

TITLE:

Lengthening the input tables of a blooming mill. (Udlinenie

privemnykh rol'gangov bluminga).

PERIODICAL:

"Metallurg" (Metallurgist), 1957, No.3, pp.22-24. (U.S.S.R.)

ABSTRACT:

Defects in the ingot-conveying system were hampering the achievement of higher productivity at the Magnitogorsk blooming mills and the present article describes the work carried out to remove these defects. The work involved the lengthening of the input tables of both the blooming mills by about 30 m. The work was complicated by the fact that it had to be completed within three days. The procedure adopted had as its main features: 1) the use of prefabricated ferro-concrete blocks with a volume of 30 m³ and a weight of 75 tons each for the foundations of the table and ingot-dumper; 2) the use of a special device with a lifting capacity of 75 tons and mounted on the metalwork of the soaking pits crane for placing the blocks and the large pre-assembled sections of the tables; 3) the completion of a foundation-trench for the future table before the start of the work. The operation was completed in time and secured the anticipated improvement in ingot-conveying. The organization adopted is recommended for other works. There are 3 diagrams, 1 photograph.

Card 1/1

ASSOCIATION: Planning Department of the Magnitogorsk Metallurgical Combine. (Proyektnyy otdel Magnitogorskogo Metallurgicheskogo Kombinata).

AVAILABLE:

ZABOLOTNIKOVA, I.I.; KHVATOV, V.V.

Alkali rocks in the Synzas section. Mat.po geol.Zap.Sib. no.64: 173-177 '63.

Nepheline and sodalite-cancrinite rocks in the Kobarzinsk section. Ibid.:177-193 (MIRA 17:4)

CIA-RDP86-00513R000722430001-2 "APPROVED FOR RELEASE: 03/13/2001

Khvatov, Yu.A., Head Technologist AUTHOR:

SOV/127-58-11-13/16

TITLE:

The Operational Experience of the Concentration Mill of Yu-GOK (Opyt raboty obogatitel noy fabriki YuGOK)

PERIODICAL:

Gornyy zhurnal, 1958, Nr 11, pp 64 - 68 (USSR)

ABSTRACT:

The author reports on the results obtained at the concentration mill of the Yuzhnyy gorno-obogatitel'nyy kombinat -YuGOK (The Southern Mining-Concentration Kombinat) - after some defects in the technological process were corrected. Since 1957 the mill has been working on a new technology. Results of the work are given in table 1. All phases of the work are described. There are 3 tables, 3 schematic diagrams, 2 graphs and 4 Soviet references.

ASSOCIATION: YuGOK

Card 1/1

1. Mining engineering--USSR

KHVATOV, Yu.A., gornyy inzh.; BURAYEV, B.K., gornyy inzh.

Production of a high-quality magnetic concentrate at the New Krivoy Rog Mining and Ore Dressing Combine. Gor. zhur. no.11: 64.66 N 64.

1. Novo-Krivorozhskiy gornoobogatitel'nyy kombinat.

DENISENKO, A.I.; KARMAZIN, V.I.; SULTANOVICH, Ye.A.; MIGUTSKIY, L.R.; KHVATOV, Yu.A.; BURAYEV, B.K.

Industrial tasting of ore pebble crushing of Krivoy Rog Basin quartzites. Gor. zhur. no.4:57-60 Ap 165. (MIRA 18:5)

1. Dnepropetrovskiy gornyy institut (for Denisenko, Karmazin, Sultanovich). 2. Novo-Krivorozhekiy gornoobogatitel'nyy kombinat (for Migutskiy, Khvatov, Burayev).

KHVATOV, Yu.A.; POLYAKOV, N.A.

Use of new ore-dressing equipment. Gor.zhur. no.4:58-62 Ap '62.

(MIRA 15:1/)

1. Nachal'nik obogatitel'noy fabriki Novo-Krivorozhskogo gornoobogatitel'nogo kombinata (for Khvatov). 2. Glavnyy obogatitel'
Novo-Krivorozhskogo gorno-obogatitel'nogo kombinata (for Polyakov).

(Krivoy Rog Basin---Ore dressing---Equipment and supplies)

BINKEVICH, V.A.; KHVATOV, Yu.A.; POLYAKOV, N.A.; BURAYEV, B.K.

Operation of rod and ball mills in the first and second stages of milling. Gor. zhur. no.1:65-67 Ja '62. (MIRA 15:7)

1. Dnepropetrovskiy sownarkhoz (for Binkevich). 2. Novo-Krivorozhskiy gorno-obogatial angekombinat (for Khvatov, Polyakov, Burayev).

(Krivoy Rog-Mining machinery)

KABISHCHER, S.G.; KARMAZIN, V.I.; KHVATOV, Yu.A.; BURAYEV, B.K.

Obtaining high-grade flotation concentrates at the New Krivoy Rog Mining and Ore Dressing Combine, Gor.zhur. no.8:58-62 Ag '62. (MIRA 15:8)

1. Makhanobrchermet (for Kabishcher). 2. Dneproretrovskiy gornyy institut (for Karmazin). 3. Novo-Krivorozhskiy gorno-obogatitel'nyy kombinat (for Khvatov, Burayev).

(Krivoy Rog Basin-Plotation)

KARMAZIN, V.I., doktor tekhn.nauk; KABISHER, S.G., inzh.; KHVATOV, Yu.A., inzh.; KARMAZIN, V.V., inzh.; BURAYEV, B.K., inzh.

Industrial production of final iron ore concentrates. Met. i gornorud. prom. no.3:58-62 My-Je '62. (MIRA 15:9) (Ore dressing)

KHVATOV, Yu.A., inzh.; VILENKIN, D.M., inzh.; KNYAZHITSKIY, Yu.A., inzh.

New durable designs of lining plates for ore grinding mills. Gor.
zhur. no.12:31-35 D 63. (MIRA 17:3)

1. Novo-Krivorozhskiy gornoobogatitel'nyy kombinat.

BUTAKOV, S.Ye., prof., doktor tekhn. nauk; KHVATOV, Yu.V., assistant
Using the reaction method in the investigation of ventilation

installations. Sbor. nauch. trud. Ural. politekh. inst. nc.122:268-274 '61. (MIRA 17:12)

1. Chlen-korrespondent Akademii stroitel'atva i arkhitektury SSSR.

Testing centr fugal fans by a reaction technique. Izv. vys. ucheb.

zav.; gor. zhur. 7 no.10:130-133 '64. (MIRA 18:1)

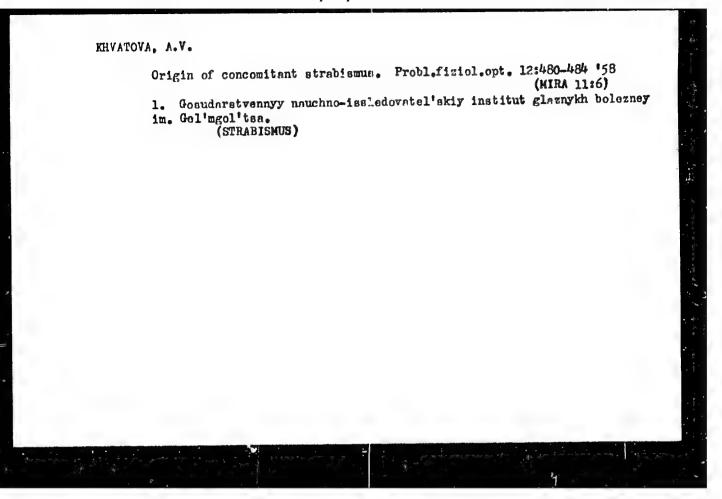
1. Ural'skiy politekhnicheskiy institut imeni S.K. Kirova. Rekomendovana kafedroy teplogazosnabzheniya i ventilyatsii.

KHVATOVA, A.V.

"The Change in the Functions of the Visual Analysor During the Course of Orthoptic Treatment for Convergent Strabismus." Cand Ned Sci, First Moscow Inst, Moscow, 1955. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

"This principalite Prages der Untersuchengemethoden der Bindrularbehens im Zusammenhang mit der Behandlungsmöglichkeit der Benieluns ohne Operation," Noratommit für Fetzschantk und Opeik, Dr. d., Aug Dr. Litate Sergarin Inch. für Ophthaliology im Gellgelte, Ab Unde



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Diagnosis and treatment of concomitant strabismus (present status of the problem). Oft.zhur. 14 no.5:259-269 '59.

(MIRA 12:10)

1. Is Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney im. Gel'mgol'tsa (direktor - kand.med.nauk A.V.Roslavtsev).

(STRABISHUS)

BELOSTOTSKIY, Yevgeniy Meksimovich; KHYATOVA, A.V.; red.; KUZ'MINA, N.S., tekhn.red.

[Diagnosis and treatment of concomitant strabismus at the current stage of knowledge] Diagnostika i lechenie sodruzhestvennogo kosoglazija na sovremennom etapa znanii. Moskva, Gos.izd-vo med. lit-ry Medgiz, 1960. 132 p. (MIRA 14:1) (STRABISMUS)

KHVATOVA, A.V., kand.med.nauk

Frequency of sympathetic ophthalmia. Oft. zhur. 15 no.8:465-468 '60. (MIRA 14:1)

1. Iz Nauchno-issledovatel'skogo instituta glaznykh bolezney im. Gel'mgol'tsa (direktor - A.V.Roslavtsev).
(EYE-INFLAMMATION)

Problem of the charater of visual disorders in children of school age. Pediatriia 38 no.1:72-76 *60. (VISION)

DANTSIG, Naum Moiseyevich; KHVATOVA, A.V., red.; ZUYEVA, N.K., tekin.
red.

[Hygiene of vision in school children] Gigiena zreniia uchashchikhsia
shkol. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p.

(ETE—CARE AND HYGIENE)

(MIRA 14:7)

ZAGORA, Edvard[Zagora, Edward], doktor med.; ZAKOL'SKIY, V.G.[translator]; ROMANOVSKIY, M.M.[translator]; DANITSIG, N.M., prof., red.; KHVATOVA, A.V., red.; GAHERLAND, M.I., tekhn. red.

[Industrial opthalmology] Promyshlennaia oftal mologiia. Pod red. N.M.Dantsiga. Moskva, Medgiz, 1961. 395 p. (MIRA 15:4) (INDUSTRIAL OPTHALMOLOGY)

ORLOVA, Yelena Mikhaylovna; HELOSTOTSKIY, Yevgeniy Maksimovich [deceased];
KHVATOVA, A.V., red.; GAERIAND, M.I., tekhn.red.

[Contact lenses] Kontaktaye linzy. Moskva, Medgiz, 1961.
114 p. (GONTACT LENSES)

ZOLOTAREVA, Mariya Mikhaylovna; KHVATOVA, A.V., red.; POGOSKINA, M.V., tekhn. red.

[Eye diseases; a textbook for medical schools] Glaznye bolezni; uchebnik dlia meditsinskikh uchilishch. 2. izd., dop. i ispr.

Moskva, Medgiz, 1961. 230 p. (MIRA 15:7)

(EYE—DISEASES AND DEFECTS)

AVERBAKH, F.A.; KHVATOVA, A.V., red.; GONCHAROVA, T.I., tekhn. red.

[Industrial medical expertise in eye diseases]Vrachebnotrydovala ekspertiza pri glaznykh zabolevaniiakh, 2. izd.

Moskva, Medgiz, 1962. 65 p. (MIRA 15:9)

(DISABILITY EVALUATION)

(EYE-DISEASES AND DEFECTS)

BELOSTOTSKIY, Ye.M., doktor med.nauk [deceased]; AVETISOV, E.S., kand. med.nauk; FRIDMAN, S.Ya., kend.med.nauk; SMOL'YANINOVA, I.L., kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Basic problems of diagnosis and treatment of concomitant strabismus. Uch.zap. GNII glaz.bcl. no.7:7-12 162.

(MIRA 16:5)

l. Is otdeleniya okhrany zreniya detey Gosudarstvannogo nauchnoissledovatel skogo instituta glaznykh bolezney imeni Gel mgolitsa. (STRABISMUS)

SEMENOVSKAYA, Ye.N., doktor biolog.nauk; KHVATOVA, A.V., kand.med.nauk

Electrooculography in strabismus. Uch.zap. GNII glaz.bol. no.7: 41-47 '62. (MIRA 16:5)

l. Iz laboratorii fiziologicheskoy optiki i travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-issledovatel*skogo instituta glaznykh bolezney imeni Gel*mgol*tsa.

(STRABISMUS) (ELECTROPHYSIOLOGY)

KHVATOVA, A.V., kend.med.nauk

Results of pre- and postoperative treatment and surgery in concomitant strabismus. Uch.zap. GNII glaz.bol. no.7:101-107 *62. (MIRA 16:5)

1. Iz travmatologicheskogo otdeleniya i otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.

(STRABISMUS)

KHVATOVA, A.V., kand.med.nauk

Surgery in convergent concomitant strabismus in children of preschool and primary school age. Uch.zap. CNII glaz.bol. no.7:113-123 *62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey i travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa. (STRABISMUS)

BELOSTOTSKAYA, Ye.M., kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Prevention of visual disorders in children of preschool age and in schoolchildren. Uch.zap. GNII glaz.bol. no.7:241-252 '62. (MIRA 16:5)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii i gigiyeny imeni Erismana i Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa. (EYE-CARE AND HYGIENE)

SMOL'YANINOVA, I.L., kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Methodological basis of pre- and postoperative treatment and surgery in concomitant strabismus, Uch.zap. GNII glaz.bol. no.7:81-90 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey i travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-issledovatel*skogo instituta glaznykh bolezney imeni Gel*mgol*tsa.

(STRABISMJS)

KHVATOVA, A.V., kand.med.nauk

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So-called "invisible" strabismus. Uch.zap. Gill glaz.bol. no.7: 281-283 '62. (MIRA 16:5)

1. Iz travmatologicheskogo otdeleniya Gosudarstvennogo nauchnoissledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa. (STRABISMUS)

CHERNYAVSKIY, Grigoriy Yakovlevich; KHVATOVA, A.V., red.; BASHMAKOV,
G.M., tekhn. red.

[What should be known about glaucoma]Chto nado znat' o glaukome. Moskva, Medgiz, 1963. 25 p.

(GLAUCOMA)

(GLAUCOMA)